Peter Lee

portfolio www.peterlee.tech

Contact
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(806) 789-5268

Skills

Languages
Java, Python, C/C++, Javascript, SQL, Latex

Frameworks
MEAN stack, React, OpenCV, TensorFlow, MXNet

Project Workflow
Github, Heroku, Linux

Design
Photoshop, Illustrator, InDesign, After Effects

Education

UC Berkeley
Class of 2019

B.A. Computer Science and Applied Math
GPA: 3.94

Relevant Coursework
CS61A – Structure and Interpretation of Computer Programs (A+)
CS61B – Data Structures and Algorithms (A+, Ranked 3rd out of 1360)
Data 8 – Introduction to Data Science (A+)
CS70 – Discrete Math and Probability Theory
CS170 – Efficient Algorithms and Intractable Problems
CS188 – Introduction to Artificial Intelligence

Experience

Microsoft, www.onenote.com/learningtools May 2017 – August 2017
Software Engineering Intern
- Developed reading analytics with eye tracking technology including generating heatmaps, locating fixations, and gathering statistics of reading proficiency
- Built automated collection of eye tracking data from user sessions to JSON files for data science team

Virtual Reality at Berkeley, vr.berkeley.edu September 2016 – Present
Researcher
- Developed a toolkit that enables human-computer interaction in 3D space on augmented reality platforms
- Integrated hand tracking algorithms using depth sensors, RBG cameras, and display glasses on wearable devices

Projects

RecognitionCV, github.com/petr-lee/RecognitionCV December 2016 – January 2017
- Implemented handing tracking and face recognition software using computer vision algorithms with OpenCV

Computer Science Mentors, csmentors.berkeley.edu August 2016
- Built the official website for CSM based on Google's material design principles with over 10,000+ views

Awards

Data 8 Kaggle Competition April 2017
Champion
- Built a neural network with TensorFlow that classifies music genres based on word frequencies with 98% accuracy

Hackerrank World Cup September 2015
Semifinalist
- Qualified for the semifinals by solving problems in C++ based on algorithms and theoretical computer science

Hack Into It November 2015
Overall 3rd Place
- 24-hour hackathon hosted by Intuit seeking innovative methods of querying and displaying large databases

Activities

Launchpad, www.callaunchpad.org November 2016 – August 2017
Founder and President
- Created a student organization at UC Berkeley that explores the applications of machine learning and data science

Innovative Design September 2016 – May 2017
Gold Tier Member
- Provided graphic design and web development services to on-campus organizations using Adobe Illustrator

UC Berkeley Symphony Orchestra August 2015 – May 2016
Cellist
- Performed in monthly concerts with guest conductors including Gustavo Dudamel